## PW102

## CLAIM AMENDMENTS

- (original) An apparatus for clearing a clog in a pipe having an inside diameter, the apparatus comprising:
  - a hollow, collapsible, generally cylindrical bellows portion, the bellows portion having an upper end, a lower end and an inside diameter that is less than the inside diameter of the pipe at the clog thereby providing a mechanical advantage in removing the clog;
  - a handle attached to the upper end of the bellows portion; and
  - a seal attached to the lower end of the bellows portion.
  - (withdrawn) The apparatus of claim 1 wherein the seal comprises a hollow cylinder
    having an external surface, the external surface including at least one flange disposed
    thereon.
  - 3. (withdrawn) The apparatus of claim 2 wherein the external surface of the seal includes a plurality of flanges disposed therein.
  - 4. (withdrawn) The apparatus of claim 3 wherein diameters of the flanges decrease in a direction away from the lower end of the bellows portion.
  - 5. (withdrawn) The apparatus of claim 4 wherein the flanges are angled up and away from the hollow cylinder of the seal.
  - 6. (original) A method of clearing a clog in a pipe, the pipe having an inside diameter at a location of the clog, comprising:

PW102

providing an apparatus comprising a hollow, collapsible, generally cylindrical bellows portion, the bellows portion having an upper end, a lower end and an inside diameter that is less than the inside diameter of the pipe at the clog thereby providing a mechanical advantage in removing the clog; a handle attached to the upper end of the bellows portion; and a seal attached to the lower end of the bellows portion.

applying the seal of the apparatus to an opening of the pipe; and compressing the bellows portion of the apparatus.

- 7. (withdrawn) A seal for a drain clearing apparatus, comprising: a hollow cylinder having an external surface, the external surface including at least one flexible flange disposed thereon.
- 8. (withdrawn) The seal of claim 7 wherein the external surface of the seal includes a plurality of flexible flanges disposed thereon.
- (withdrawn) The seal of claim 8 wherein diameters of the flexible flanges decrease in a direction away from the drain clearing apparatus.
- 10. (withdrawn) The seal of claim 9 wherein undersides of the flexible flanges are angled up and away from the hollow cylinder of the seal.
- 11. (withdrawn) The seal of claim 9 wherein the flexible flanges are angled up and away from the hollow cylinder of the seal.

11/09/04

## PW102

12. (currently amended) An A seal for a drain clearing apparatus, comprising: a drain clearing apparatus having a seal at one end thereof, the seal comprising a hollow truncated cone having an external surface, the external surface including at least one flexible flange disposed thereon, a larger diameter end of the cone being attached to the drain clearing apparatus.

WILLIAM ESHELMAN

- 13. (currently amended) The apparatus seal of claim 12 wherein the external surface of the seal includes a plurality of flexible flanges disposed thereon.
- 14. (currently amended) The apparatus seal of claim 13 wherein diameters of the flexible flanges decrease in a direction away from the drain clearing apparatus.
- 15. (currently amended) The apparatus seal of claim 14 wherein undersides of the flexible flanges are angled up and away from the hollow truncated cone of the seal.
- 16. (currently amended) The apparatus seal of claim 14 wherein the flexible flanges are angled up and away from the hollow truncated cone of the seal.
- 17. (withdrawn) A seal for a drain clearing apparatus wherein the seal is substantially donut shaped.
- 18. (withdrawn) The seal of claim 17 wherein the seal comprises a flexible, compressible, solid elastomeric material.

11/09/04

## PW102

- 19. (withdrawn) The seal of claim 17 wherein the seal is hollow and comprises a flexible, elastomeric material filled with a fluid.
- 20. (withdrawn) The seal of claim 19 wherein the fluid is air.
- 21. (withdrawn) A seal for a drain clearing apparatus, comprising:
- a hollow, truncated conical portion;
- a hollow cylindrical portion joined to the conical portion; and
- a substantially donut shaped portion disposed at a junction of the conical and cylindrical portions, a larger diameter end of the conical portion being attached to the drain clearing apparatus.
- 22. (withdrawn) The seal of claim 21 wherein the substantially donut shaped portion comprises a compressible, solid elastomeric material.
- 23. (withdrawn) The seal of claim 21 wherein the substantially donut shaped portion is hollow and comprises an elastomeric material filled with a fluid.
- 24. (withdrawn) A drain clearing apparatus, comprising:
- a force cup having a generally hemispherical shape with a closed top end and an open bottom end:
  - a handle attached to the closed top end; and a generally donut shaped seal attached to the bottom end.
- 25. (withdrawn) The drain clearing apparatus of claim 24 wherein the donut shaped seal comprises a flexible, compressible, solid, elastomeric material.

PW102

26. (withdrawn) The drain clearing apparatus of claim 24 wherein the donut shaped seal comprises a flexible, hollow, elastomeric material filled with a fluid.